

1   What is claimed is:

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3   1.   A suction device for a power tool (10a, 10b), in particular for a drilling  
4   and/or chipping tool, with at least one dust container (12a – 12c) and at least one  
5   suction head (14a – 14c) to be placed on a work piece (16a, 16b),  
6   wherein the dust container (12a – 12c) is integrated in the suction head (14a –  
7   14c).

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9   2.   The suction device as recited in Claim 1,  
10   characterized by a suction unit (18a, 18b) integrated in the power tool (10a, 10b)  
11   for producing a vacuum in the suction head (14a – 14c).

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13   3.   The suction device as recited in Claim 2,  
14   wherein the suction device (18a, 18b) includes a cooling fan (20a, 20b) of the  
15   power tool (10a, 10b).

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17   4.   The suction device as recited in one of the preceding Claims,  
18   characterized by a unit (22a – 22c) that includes at least the suction head (14a –  
19   14c) and is capable of being detachably retained on the power tool (10a, 10b).

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21   5.   The suction device as recited in one of the preceding Claims,  
22   characterized by a unit (22a – 22c) that includes at least the dust container (12a  
23   – 12c) and is capable of being detachably retained on the power tool (10a, 10b).

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25   6.   The suction device as recited in Claim 4 or 5,  
26   wherein the unit (22a – 22c, 72a) is retainable on the power tool (10a, 10b) using  
27   a snap-in connection.

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29   7.   The suction device as recited in one of the preceding Claims,

1   wherein the suction head (14a – 14c) is supported on a housing (26a, 26b) of the  
2   power tool (10a, 10b) by a bearing unit such that it is displaceable along a working  
3   direction (24a – 24c).

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5   8.   The suction device as recited in Claim 7,  
6   wherein the bearing unit (46a – 46c, 48a) includes a depth stop.

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8   9.   The suction device as recited in one of the preceding Claims,  
9   wherein the suction head (14a – 14c) includes at least one opening (30a – 30c)  
10   through which a tool (32a, 32b) is capable of being guided in at least one  
11   operating state.

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13   10.   The suction device as recited in Claim 9,  
14   wherein various dimensions can be selected for the opening (30a' – 30c').

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16   11.   The suction device as recited in Claim 9 or 10,  
17   wherein the opening (30a – 30c) forms one end of a funnel-shaped receiving  
18   area that tapers in the working direction (24a – 24c).

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20   12.   The suction device as recited in one of the preceding Claims,  
21   wherein an air stream is capable of being introduced into the dust container (12a)  
22   through a duct section (82a) of the suction head (14a) in a circumferential  
23   direction of the dust container (12a).

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25   13.   Drilling and/or chipping tool with a suction unit (18a, 18b) for producing a  
26   vacuum in a suction head (14a – 14c) of a suction device at least as recited in  
27   Claim 3.

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